

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 01229639
PUBLICATION DATE : 13-09-89

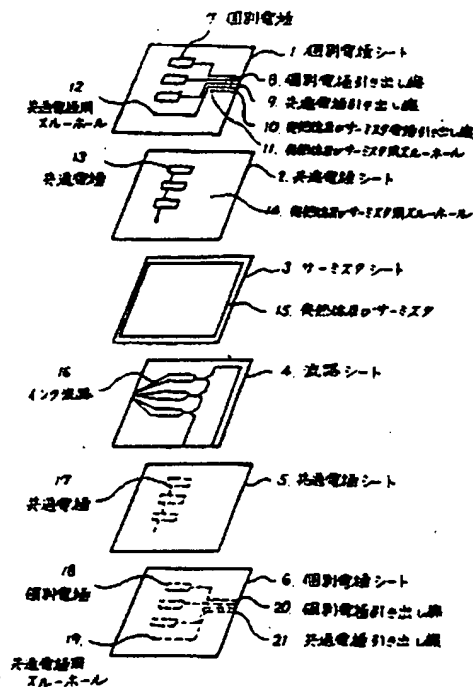
APPLICATION DATE : 10-03-88
APPLICATION NUMBER : 63056678

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INT.CL. : B41J 3/04

TITLE : INK JET HEAD



ABSTRACT : PURPOSE: To keep an ink at a fixed temperature to stabilize an ink drip discharge, by a method wherein in a drop on-demand type ink jet head a sheet with a heating element and a thermistor is laminated on a sheet provided with a flow path pattern serving as an ink flow path.

CONSTITUTION: A drop on-demand type ink jet head is formed by successively laminating the following 6 sheets 1-6 and bonding and sintering them: a discrete electrode sheet 6, a common electrode sheet 5, a flow path sheet 4, a thermistor sheet 3, a common electrode sheet 2, and a discrete electrode sheet 1. Then, on the thermistor sheet 3 a heating element and thermistor sheet 15 is previously mounted. When the ink jet head is actuated, the ink jet head is set at a fixed temperature by the heating element and thermistor 15. Thus, the temperature of the ink in the head can be kept constant. The troubles in production are saved, and a power loss is reduced because the sheet 3 can be incorporated in the vicinity of an ink flow path in the head.

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